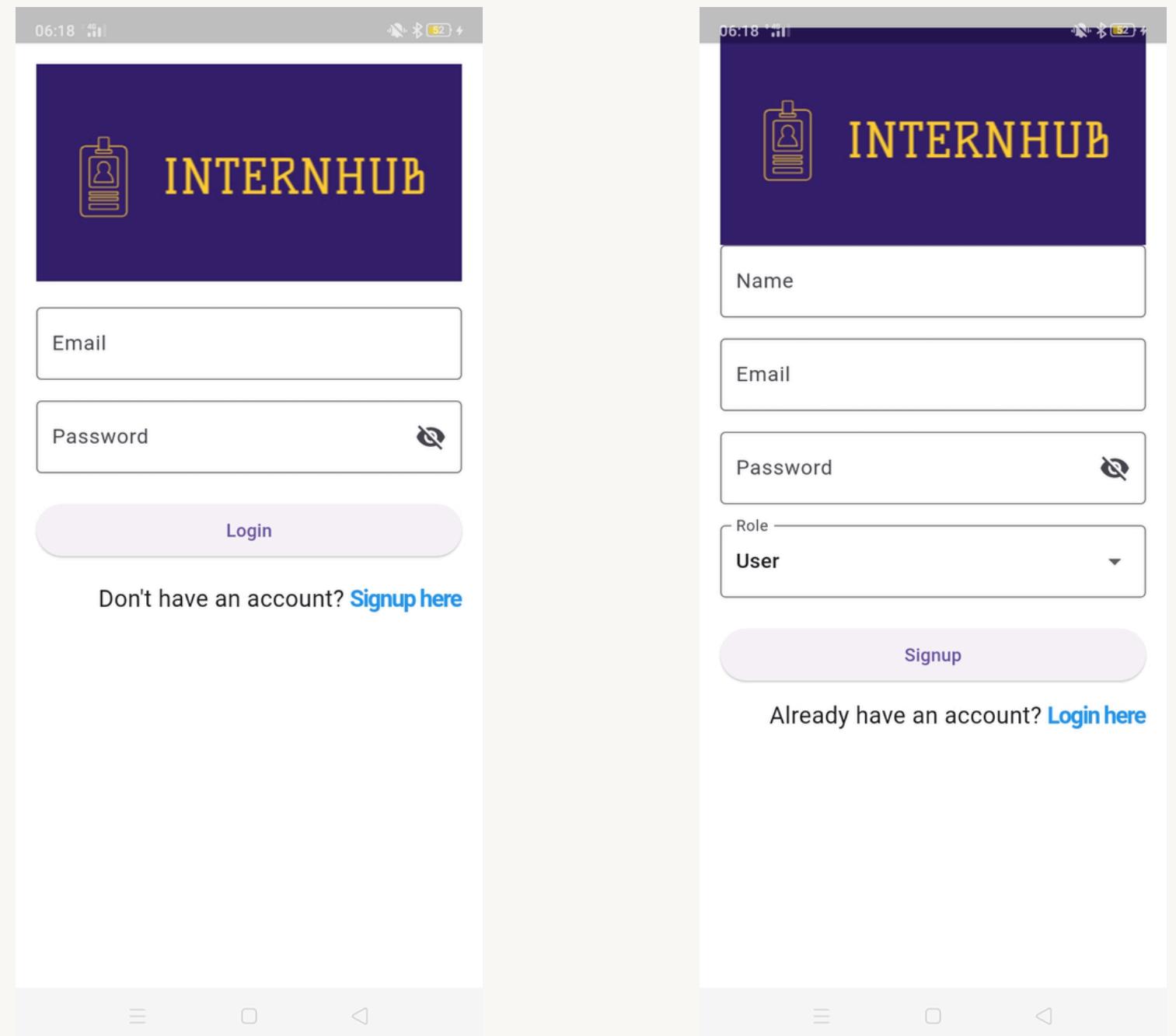


InternHub: mobile application for internship applicant system

Presented by: Eirene Betriena

Login and signup page



student profile page

The image displays three screenshots of a mobile application interface for a "Student Profile".

Screenshot 1 (Left): Shows the main profile screen with a placeholder profile picture, the name "user test", and contact information (Email: Test@gmail.com, Phone: 0198763785). Below this is the "About Me" section containing the text: "this is a test case. I am 23 years old, currently seeking for internship that allow me to expand my skills and experience". The "Education" section lists three institutions: Ulitm Arau, Kolej Tingakatan 6, and SMK Aminuddin baki, each with a red delete icon.

Screenshot 2 (Middle): Shows the "Education" section in more detail. It lists the same three institutions with "Add Education" buttons. Below this is the "Experience" section, which lists "bachelor in computer science" with an "Add Experience" button. The "Skills" section lists technical proficiency in Python, Java, C++, JavaScript, and building applications using frameworks like Flutter and React, along with knowledge of MySQL and Firebase.

Screenshot 3 (Right): Shows the "Experience" section listing "bachelor in computer science" with an "Add Experience" button. The "Skills" section lists technical proficiency in Python, Java, C++, JavaScript, and building applications using frameworks like Flutter and React, along with knowledge of MySQL and Firebase. The "Resume" section includes a "Upload Resume" button.

student profile page

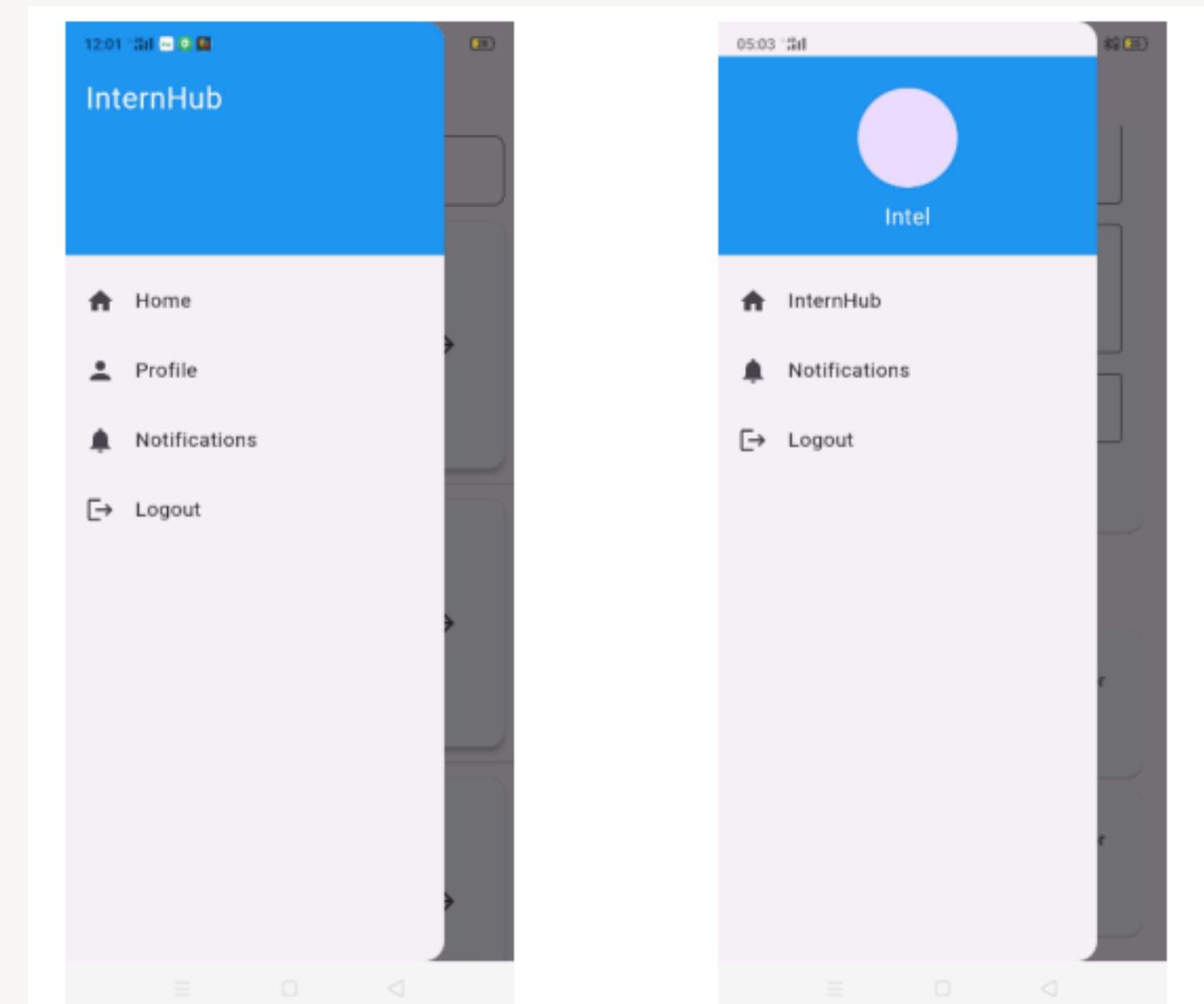
The image displays three screenshots of a mobile application interface for a "Student Profile".

Screenshot 1 (Left): Shows the main profile screen with a placeholder profile picture, the name "user test", and contact information: "Test@gmail.com" and "0198763785". Below this is a "About Me" section containing the text: "this is a test case. I am 23 years old, currently seeking for internship that allow me to expand my skills and experience". There is also a "Education" section listing "Ulta Arau", "Kolej Tingakatan 6", and "SMK Aminuddin baki", each with a red delete icon.

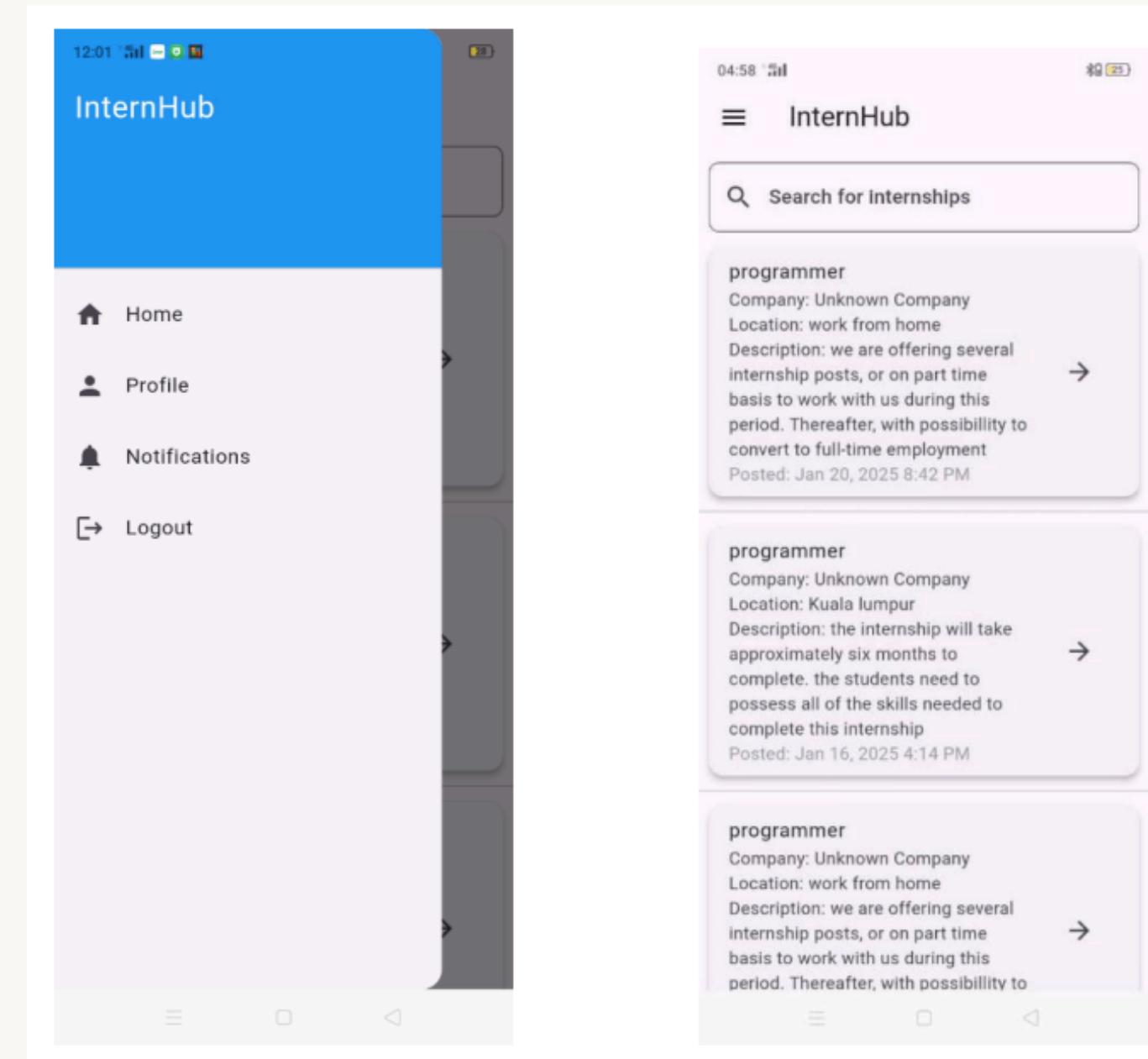
Screenshot 2 (Middle): Shows the "Education" section in more detail. It lists "Ulta Arau", "Kolej Tingakatan 6", and "SMK Aminuddin baki" under the heading "Education". Each item has a red delete icon. Below this is an "Experience" section listing "bachelor in computer science" with a red delete icon. There are also "Add Education" and "Add Experience" buttons.

Screenshot 3 (Right): Shows the "Experience" section in more detail. It lists "bachelor in computer science" under the heading "Experience". Below this is a "Skills" section listing "proficiency in language like a python,Java,C++,JavaScript, building applications using frameworks i.e flutter, react", "knowledge of relational databases like MySQL", and "familiarity with NoSQL database like Firebase". Each skill item has a red delete icon. There is also an "Add Skills" button.

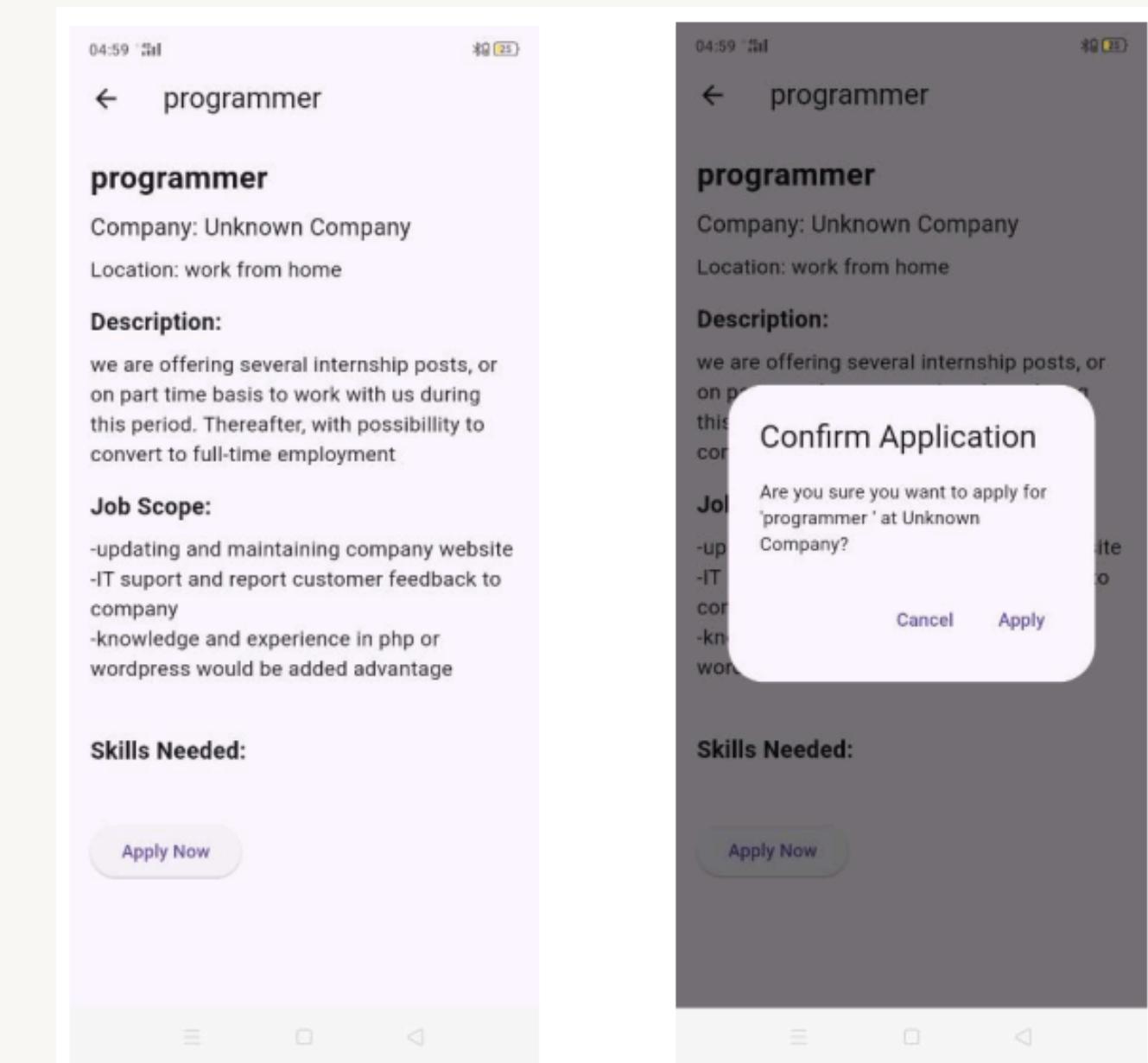
Navigation drawer



Student home page



Internship listing detail page



Company dashboard page

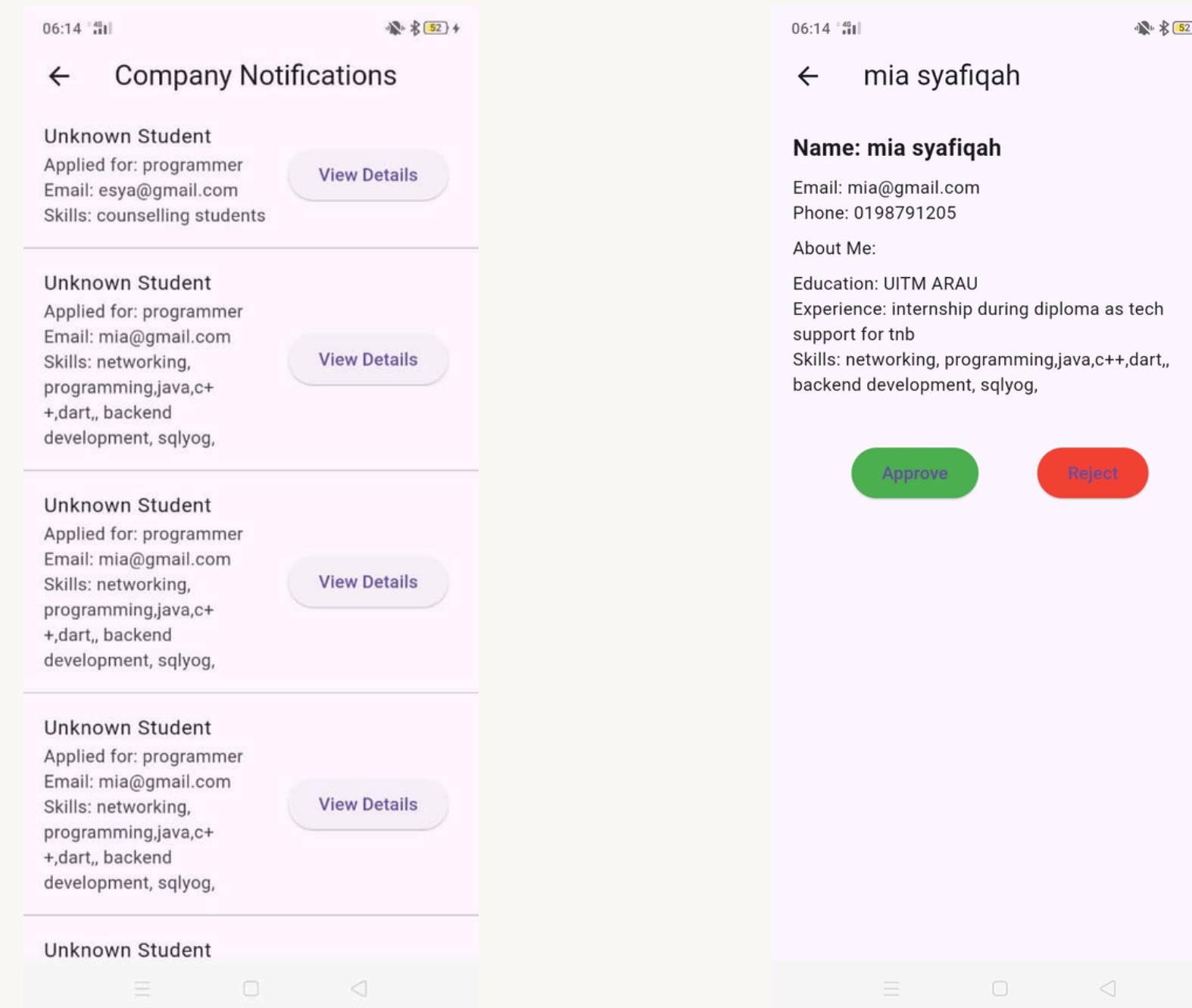
The image displays three wireframe prototypes of a company dashboard page, likely for a mobile application, showing different states of the interface.

1. Company Dashboard (Initial State): This screen shows the company's information. It includes a logo placeholder for "intel", fields for "Company Name" (Intel), "Email" (intel@gmail.com), and "Phone Number" (018765234), and a section titled "About Us" which describes Intel Corporation as an American multinational corporation and technology company. A "Save Information" button is at the bottom.

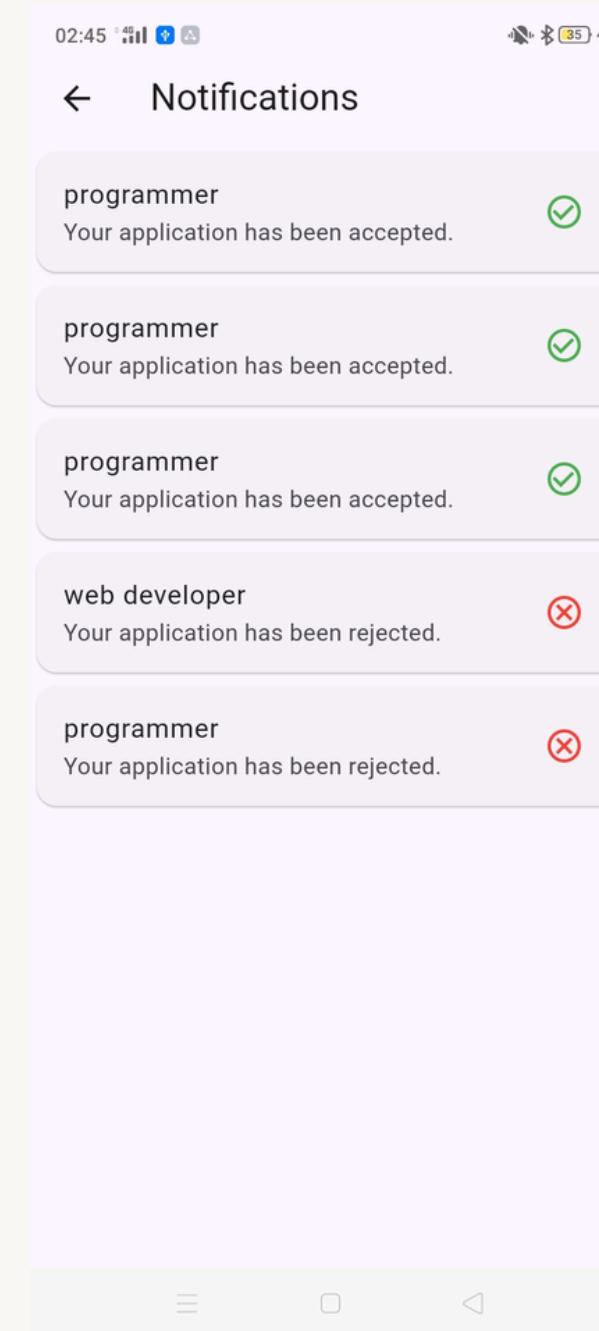
2. Company Dashboard (Internship Creation): This screen is titled "Create New Internship". It features input fields for "Internship Title", "Description", "Job Scope", "Skills", and "Location". A "Post Internship" button is located at the bottom right of this section.

3. Company Dashboard (Internship Listing): This screen lists two internships under the heading "Posted Internships". Both entries are for "programmer" roles. The first entry includes the text: "we are offering several internship posts, or on part time basis to work with us during this period. Thereafter, with possibility to convert to full-time employment". The second entry is identical. Both entries have a "Post Internship" button at the bottom right.

Company notification



Student notification



Functionality testing

Functionality Testing for User

Test Case ID	Test Case Module	Test Scenario	Test Case	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
TC A01	User SignUp	Verify Sign-Up	Insert all text field	Full Name: Irene Betrisya Email: eisya@gmail.com Password: eis9876 Role: User	Successful sign Up	✓	Pass
TC A02	User SignUp	Verify Sign-Up	Not insert all test field	Empty text field	Unsuccessful Sign Up with error message	✓	Pass
TC B01	User Login	Verify Login	Insert validate email and password	Email: eisya@gmail.com Password: eis9876	Successful Login	✓	Pass

Functionality Testing for User

TC B02	User Login	Verify Login	Not insert email or password	Email: (empty) Password: (empty)	Unsuccessful Login with error message	√	Pass
TC C01	Profile page for users	Add, Update, delete information in	Insert data	aboutMe: "Write something about yourself." Education: "msu" Email: "eisya@gmail.com" Experience: "counselor assistant " fullName: "Eirene Betrisya" phoneNumber: "+123 456 7890" profilePicture"assetsdefault_pfp.png (st" resume; "resume eisya.pdf" skills: "counseling" studentID: "GGIabHxhuFf0RSxrR7oTWtQ DKFB2"	Successfully add, update, delete information	√	Pass
TC G01	Student homepage	View Internship details	Press the internship listing	Button pressed	Internship listing details can be fully viewed	√	Pass
TC F01	Student homepage	Internship application results received	notifications	Button pressed	Internship applied successfully	√	Pass

Functionality Testing for User

Test Case ID	Test Case Module	Test Scenario	Test Case	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
TC G01	Student homepage	Internship application results received	notifications	Button pressed	Notifications arrived	✓	Pass

Functionality testing

Functionality Testing for Company

Test Case ID	Test Case Module	Test Scenario	Test Case	Test Data	Expected Result	Actual Result	Status (Pass/Fail)
TCA -03	Company Sign-Up	Verify Sign-Up	Insert all text field	Full Name: JP Morgan Email: jpm@gmail.com Password: Jpm9876 Role: Admin	Successful sign up	✓	Pass
TCA -04	Company Sign-Up	Verify Sign-Up	Not insert all test field	Empty text field	Unsuccessful sign up with error message	✓	Pass
TCB -03	Company Login	Verify Login	Insert validate email and password	Email: eisya@gmail.com Password: eis9876	Successful login	✓	Pass

Functionality Testing for Company

TCD -01	Company Dashboard	Add, update, delete information from Dashboard	Insert Data	company information etc, name, about	Successful saving data	√	Pass
TCE -01	Company Dashboard	Create internship listing	Insert data	insert listing details, etc. name, job scope	Successfully post listing	√	Pass
TCF -01	Company dashboard	Approve/ reject internship Application	Press Approve/reject button	Button pressed	Internship listing approved/rejected	√	Pass

TAM Results and Analysis

Demographic information

Variable	Category	Frequency	Percentage (%)
Age	18-21 22-24 25-26 27-29 30-32	4 23 3 0 0	13.3 76.7 10 0 0
Gender	Male female	2 28	13.3 86.7
Highest Level of Education	High-school or equivalent Diploma or certificate Bachelor's Master's Doctorate	1 3 27 0 0	3.3 10 86.7 0 0

Demographic information

status	Student	28	93.3
	Recent graduate	2	6.7
	Job seeker	0	0
	Employed professional	0	0
field of study	Computer Science	13	43.3
	Office System	1	3.33
	Information Technology	3	10
	Geomatic Science	6	20
	Sport Science	1	3.33
	Cyber security	2	6.67
	Technology in Building construction	1	3.33
	Psychology	2	6.67
ever applied for internship before	Yes	19	63.3
	No	11	36.7

TAM Results and Analysis

Interpretive summary for User Experience

Aspect	Mean Value	Rating
How would you rate your overall experience with InternHub ?	4.07	High
How easy was it to navigate through the app (e.g., sign up, browse listings, apply)?	4.03	High
How satisfied are you with the notification system?	4.23	High

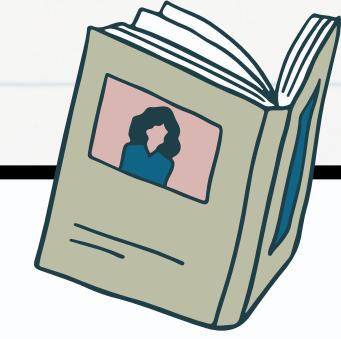
TAM Results and Analysis

Interpretive summary for feedback and suggestions

Aspect	Mean value	ratings
What do you like the most about the app? (Relevance and detail of internship listings)	4.33	High
What do you find most challenging? (Lack of features like filters and chat)	2.87	Medium
How satisfied are you with the features provided in InternHub?	3.93	High
Would you recommend InternHub to others?	4.97	High
Which improvements would you prioritize for InternHub?	4.32	High

Conclusion

01



Successful Development and Achievement of Objectives

InternHub has been successfully developed using Flutter and Firebase, meeting its primary goal of providing a seamless platform for students and companies to manage internships.

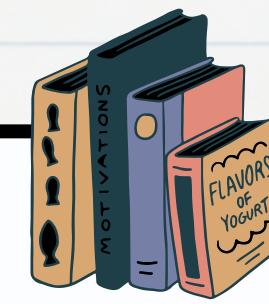
02



Usability and Effectiveness

The app has been evaluated through functionality and TAM tests, demonstrating ease of use and its ability to simplify the internship application process, enhancing user satisfaction and productivity.

03



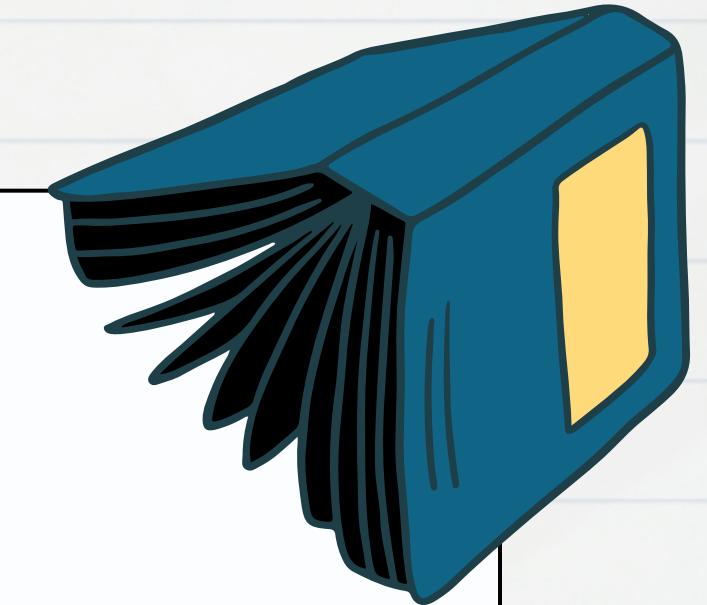
Impact and Potential

InternHub showcases how mobile applications can revolutionize traditional internship processes, making them more accessible, streamlined, and efficient.

Limitation

While InternHub has been successfully developed, certain limitations remain. The app lacks advanced filtering and search features, has no built-in communication platform for students and companies, and experiences occasional notification inconsistencies.

Addressing these issues through further development and testing would enhance the platform's efficiency and usability.



Future Works

InternHub has made significant progress in achieving its objectives, but there is room for improvement.

Future enhancements could include:

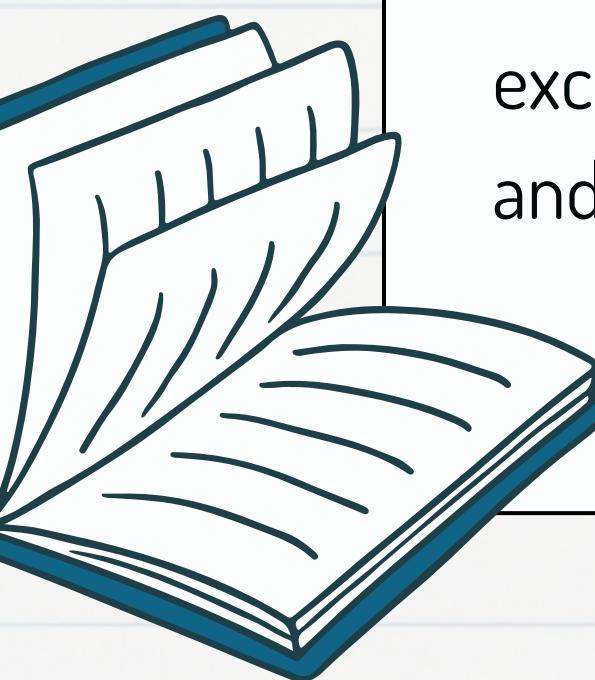
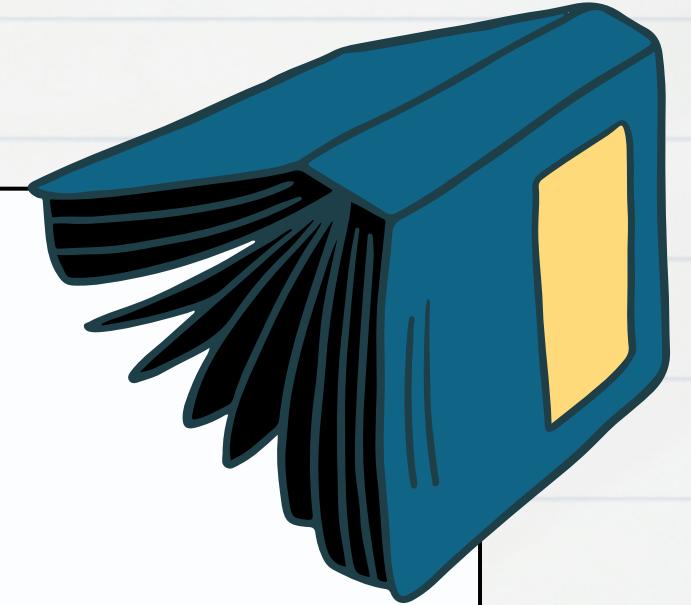
- i.) internal messaging for direct communication between students and companies
- ii.) calendar synchronization for tracking important dates.

These upgrades would enhance functionality, user satisfaction, and efficiency, making InternHub a more comprehensive internship management platform.

Internal Communication and Calendar Synchronization Features

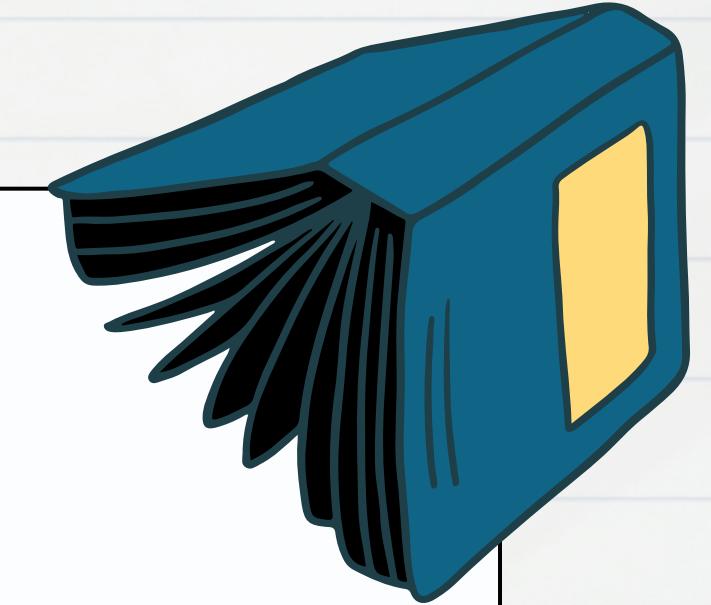
The internal communication feature streamlines interaction between students and companies through secure in-app messaging, group discussions, and file sharing for resumes, portfolios, or offer letters, ensuring efficient professional exchanges. Notifications for messages and updates keep users informed.

Calendar synchronization enhances efficiency by enabling users to track deadlines, internship schedules, and milestones. Companies can manage interviews and timelines, sharing them easily with candidates. Integration with platforms like Google Calendar or Outlook ensures accessibility, while automated reminders keep users organized.



Summary

InternHub simplifies the internship process by helping students find opportunities and companies recruit candidates efficiently. With features like profile creation, application management, and direct communication, it streamlines daily tasks. As mobile technology advances, InternHub has the potential to become an essential tool for bridging the gap between academics and real-world experience.



Thank's For
Listening

